

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
13 October 2005 (13.10.2005)

PCT

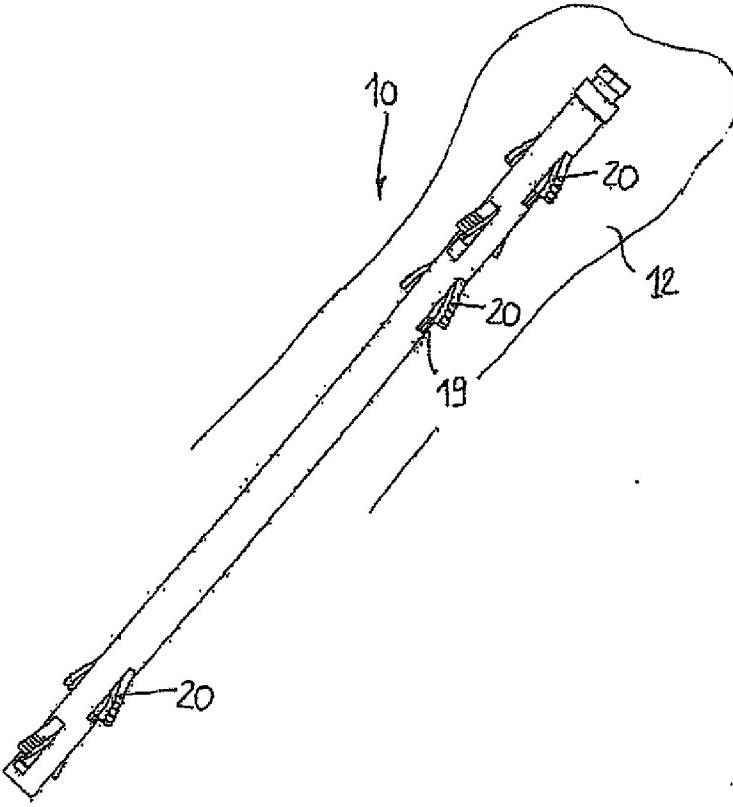
(10) International Publication Number
WO 2005/094706 A1

- (51) International Patent Classification⁷: **A61B 17/72**
- (21) International Application Number: **PCT/EP2005/003395**
- (22) International Filing Date: 31 March 2005 (31.03.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
04007786.9 31 March 2004 (31.03.2004) EP
04007785.1 31 March 2004 (31.03.2004) EP
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- (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,

[Continued on next page]

(54) Title: INTRAMEDULLARY NAIL COMPRISING ELEMENTS OF SHAPE-MEMORY MATERIAL.

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(57) Abstract: An intramedullary nail (10, 110, 210, 310, 410, 510, 610) suitable for insertion in a fractured elongate bone (12), of the type comprising a stem (14, 114, 214, 314, 414, 514, 614) extended between a proximal end (16, 116, 216, 416, 516, 616) and a distal end (18, 118, 218, 418, 518, 618). The nail comprises a plurality of elements (20, 120, 220, 320, 420, 520, 620) realised with at least one shape-memory material, a plurality of seats (19, 119, 219, 319, 419, 519, 619) formed in the stem (14, 114, 214, 314, 414, 514, 614) for housing the elements (20, 120, 220, 320, 420, 520, 620). The elements (20, 120, 220, 320, 420, 520, 620) are suitable to take a first shape wherein they are retractably housed in the respective seats (19, 119, 219, 319, 419, 519, 619) and a second shape wherein they project from the respective seats (19, 119, 219, 319, 419, 519, 619).



TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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Published:

- *with international search report*